SHARP®

XG-C430X / XG-C330X
XGA Conference / Classroom Series
XGA Multimedia LCD Projectors

Projector • Projector • Projector • Projector • Projector •

HIGH BRIGHTNESS / HIGH IMAGE QUALITY 3-LCD PROJECTORS

The Sharp Conference/Classroom series XG-C430X (4000 ANSI lumens) and XG-C330X (3300 ANSI lumens) offer a superior combination of high brightness, high image quality, full feature set, compact size and affordability.

Utilizing three polysilicon LCDs, these models project brilliant, uniform high quality images for use in most any educational, corporate, government or house of worship setting. Extensive connectivity includes built-in LAN (RJ-45) terminal, two 15-pin RGB inputs (selectable for computer or component sources), DVI-D input with HDCP compatibility, and independent composite and S-Video inputs. Four stereo audio inputs are provided, as well as selectable variable or fixed audio line-out. There additionally is RS-232C control, RGB loop-through, and a port for "wired" remote control.

Projection "flexibility" is foremost. In addition to the included standard zoom lens, four optional lenses are available, making these models adaptable for almost any special application. Plus, with Sharp's rapid release lens mechanism, lens changes are quick and effortless.

The XG-C430X and XG-C330X are among the quietest in the industry with a low fan noise of only 30 dB (low power "eco & quiet" mode). And, with an estimated lamp life of up to 3000 hours (low power "eco & quiet" mode), cost of operation, as well as lamp changes, are kept to a minimum.

To help ensure "peace of mind" both models incorporate several valuable security features including key code (password) startup, "through the optical block" ceiling mount bolt, and Kensington® Lock compatibility. Additionally, Network surveillance and monitoring is available through the built-in LAN (RJ-45) terminal, and an optional heavy-duty ceiling mount cable security system provides extra protection.

With XGA (1024 x 768) native resolution, with intelligent "ImageACE" resizing, these models offer PC compatibility up through SXGA+ (1400 x 1050), as well as extensive DTV/HDTV compatibility (in both 4:3 and 16:9) including 1080i, 720p, 480p and 480i.

For use in "commercial" applications, both models are backed by a 2-year parts and labor limited warranty* (90 days on the user-replaceable projection lamp) including 2 years of Sharp industry-leading "ER" 24-hour turnaround Express Repair support.
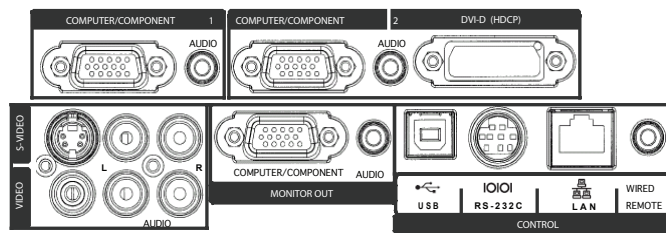
Features & Benefits:

- *High Brightness*
  ***XG-C430X:** 4,000 ANSI Lumens*
  ***XG-C330X:** 3,300 ANSI Lumens*

- *3-LCD Technology for superior color accuracy and image detail*

- *Two 15-pin RGB inputs permit direct connection of two PCs (or component sources). A DVI-D input with HDCP compatibility provides further PC/Video connectivity. RGB loop-through enables connection to a desktop monitor or a second projector*

- *Rapid release lens mechanism enables the standard included lens to be easily replaced with one of four additional optional special application lenses*

- *Separate and independent composite and S-Video inputs enable the connection of "two" video sources*

- *Four discrete stereo audio inputs are provided for use with two RGB and two video sources. Selectable variable or fixed variable audio line-out is also included*

- *XGA (1024 x 768) native resolution with PC compatibility up through SXGA+ (1400 x 1050). HDTV/DTV compatibility (including 1080i, 720p, 480p and 480i) along with PC compatibility up through SXGA+ (1400 x 1080)*

- *Ultra quiet operation (as low as 30 dB in low power "eco & quiet" mode)*

- *Convenient "side access" to lamp and filters ensures easy maintenance – even when ceiling mounted*

- *RJ-45 LAN terminal for remote control, monitoring and projector management. Built-in web browser allows for direct IP addressing from anywhere on the network*

- *Theft deterrent features include key code (password) startup, Notevision "Lockdown" through-the-optical-block ceiling mount stud, optional ceiling mount cable lock system and Kensington® lock compatibility.*

- *Wireless Remote with mouse control, page up/down, image freeze, enlarge and break timer. Auto Digital Keystone Correction is also incorporated*

LCD

Professional Display Division

Rear Control Panel

XG-C430X / XG-C330X
XGA Conference / Classroom Series
XGA Multimedia LCD Projectors

Specifications

Model:	XG-C430X	XG-C330X
Brightness	4,000 ANSI Lumens with 90% CCR (3,200 ANSILumens in "Eco & Quiet" Power Mode)	3,300 ANSI Lumens with 90% CCR (2,640 ANSILumens in "Eco & Quiet"Power Mode)
Pixel Resolution	XGA (1024 x 768 Native with ImageACE Resizing for compatibility up through SXGA+) (1400 x 1050)	
TV Lines	750 TV Lines (DTV 720P input)	
Display Technology	3 - 0.79" Polysilicon TFT LCD with Micro Lens Array (450:1 contrast ratio)	3 - 0.79" Polysilicon TFT LCD (600:1 contrast ratio)
Frequency / Dot Clock	FH 15-70 kHz; fv 43-85 Hz / 12-108 MHz	
Computer Compatibility	PC Compatibility up through SXGA+ (1400 x 1250) with ImageACE Resizing); Mac® Computer Compatibility up through 1152 x 870 (with ImageACE Resizing)	
Video Compatibility	NTSC/PAL/SECAM - Interfaced or Progressive Scan; DTV/HDTV Compatible (4:3 and 16:9): 1080/720p/576p/576i/540p/480i (50/50 Hz)	
Remote Control	IR Remote with Wired Capability (3.5mm connector); 38 kHz IR carrier frequency	
Audio System	Built-in 2 Watt monaural (Selectable Variable or Fixed Audio Line-Output for use with larger sound systems)	
Lamp	User Replaceable 275 Watt "NSH" AC type; Est. Lamp Life: 2000 hours (std mode), 3000 hours (eco & quiet mode)	
Lamp Module #	AN-C430LP or AN-C430LP/1	
Fan Noise	36 dB standard mode; 30 dB "eco" mode	
Power Source	100-240V AC, 50/60 Hz, 375W (6W standby mode)	
Heat Dissipation	1505 BTU/hour standard mode; 1225 BTU/hour "eco" mode	
Dimensions / Weight	12.8" W x 4.0" H x 11.0" D (without feet) / 10.8 lbs.	
Control Systems	Compatible with Crestron®, AMX®, Extron®, Bitlogix®	
Limited Warranty	2 Years Parts and Labor including 2 Years "ER" 24-hour turnaround Express Repair (90 days warranty on user-replaceable projection lamp)	
Inputs/Outputs	**Input #1:** Analog RGB/component (15-pin mini D-sub); Audio 3.5mm stereo minijack **Input #2:** Analog RGB/component (15-pin mini D-sub); Audio 2.5 mm stereo minijack (audio "shared" in Input 2 and Input 3) **Input #3:** DVI - Digital RGB/HDCP; Audio 3.5mm stereo minijack (audio "shared" in Input 2 and Input 3) **Input #4:** S-Video (4-pin mini DIN); Audio: RCA L/R. **Input #5:** Composite Video (RCA); Audio: RCA L/R Analog RGB/Component Loop-through Output: 15-pin mini D-Sub. Fixed or Variable Audio Line Output: 3.5mm stereo minijack. RS-232C Serial Port [PC Control]; 9-pin mini DIN, with included D-sub adapter. RJ-45 LAN Terminal. USB port. Wired Remote control Port: 3.5mm minijack.	
Included Accessories	Wireless Remote, 10' RGB Signal Cable; 5.9' Grounded AC Cord; Remote Receiver; Lens Cap; Lens Cap Strap; CD-ROM Manual; Two "AAA" Batteries; DIn to D-Sub RS-232C Adapter; Soft-Sided Storage Bag	
Optional Accessories	AN-C600WCC: Hard Sided Carry Case with Wheels; AN-C600SC: "ATA" Shipping Case with Wheels; AN-XGCM430: Ceiling Mount; AN-CMCSS16: 16" Security Cable System for Ceiling Mount; AN-CMSS46: 46" Security Cable System for Ceiling Mount; AN-C3CP2: 10' Component (3-RCA) to 15-pin HD Cable; AN-C3BN: 9' 10" 5-BNC to 15-pin D-Sub Cable; AN-LS1: Ethernet to RS-232C Network Converter. See chart below for optional lenses. AN-EP101B: Extension Tube for Ceiling Mount; AN-JT200: Angle Mount Joint for Ceiling Mount	

Projection Distance Chart (for "standard" lens)
(approx. min/max projection distance from screen to front of lens)

Screen Diagonal	Screen Width	Screen Height	Minimium Distance	Maximum Distance
40"	32"	24"	4' 8"	5' 7"
60"	48"	36"	7'	8' 5"
72"	58"	43"	8' 5"	10' 1"
84"	67"	50"	9' 10"	11' 10"
100"	80"	60"	11' 9"	14' 1"
200"	160"	120"	23' 5"	28' 1"
300"	240"	180"	35' 2"	42' 2"
500"	400"	300"	58' 7"	70' 4"

Lens Chart (Manual Zoom/Focus)

Lens Model #	Lens Type	Aperture (F)	Focal Length (f)	Zoom Ratio	Throw Ratio
Std. Lens included w/projector	Standard Zoom	1.7-1.9	TBD	1.2x	1.8-2.1
AN-C12MZ	Short Throw	2.2-2.7	24.5-30.7mm	1.3x	1.5-1.9
AN-C18MZ*	Telephoto Zoom	1.7-2.2	36.5-46.3mm	1.3x	2.2-2.8
AN-C27MZ	Telephoto Zoom	2.0-2.8	53.8-82.9mm	1.5x	3.3-5.1
AN-C41MZ	Telephoto Zoom	2.1-2.8	83.5-117.2mm	1.4x	5.2-7.2

*provides similar throw distance to XG-C58/68 series projector with standard lens

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